FIG. 1

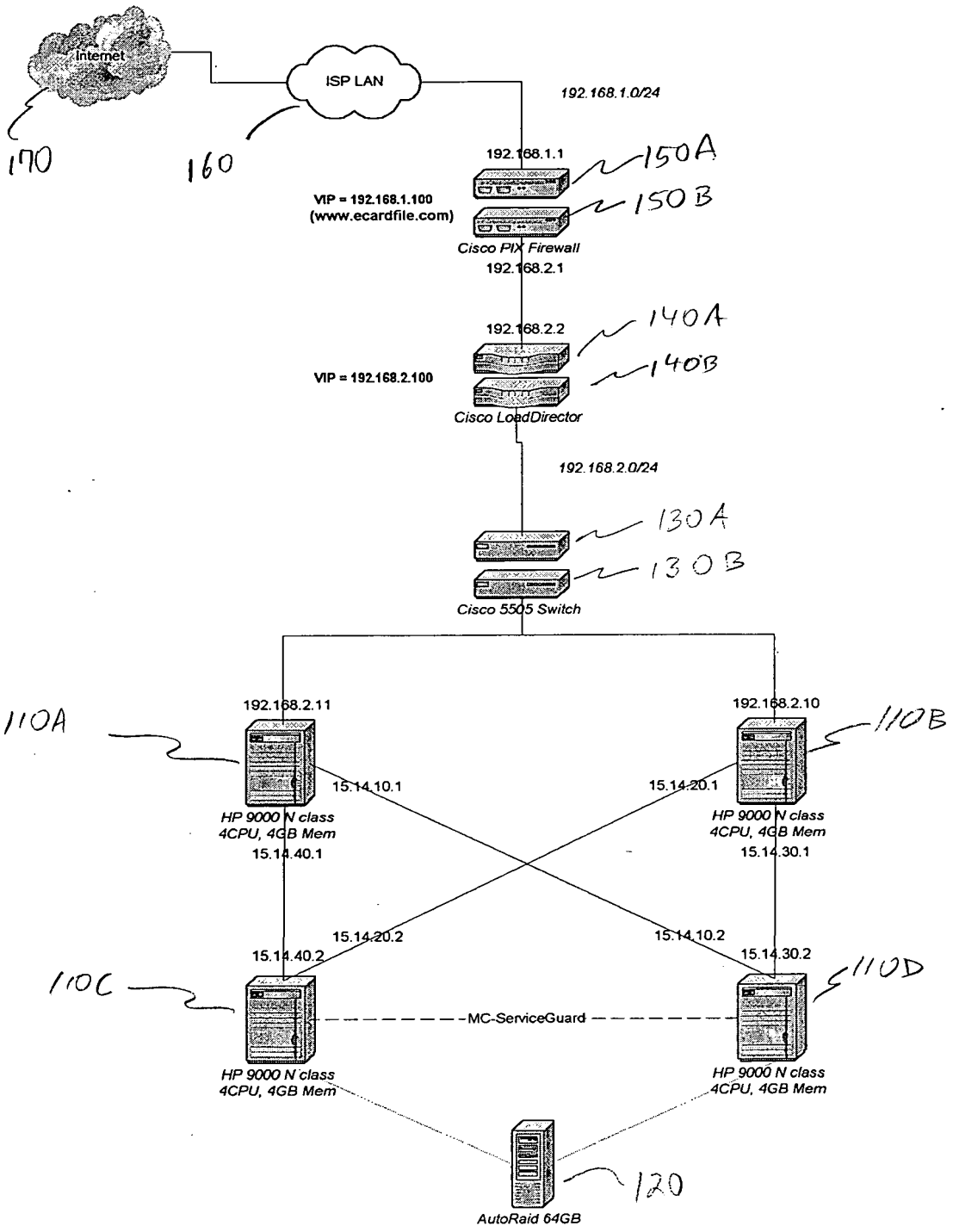
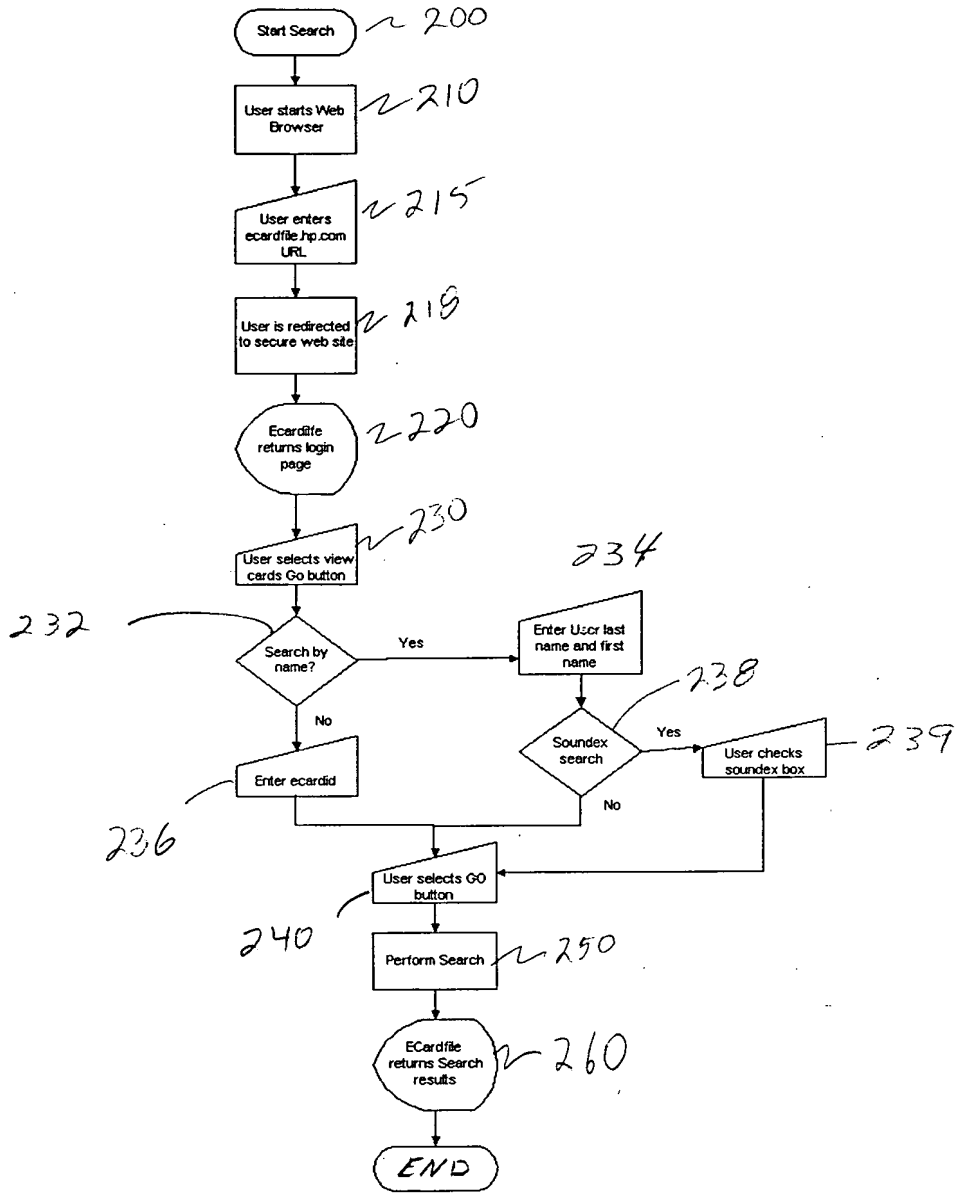

Internet
ISP LAN
192.168.1.0/24
170
160
192.168.1.1
150A
VIP = 192.168.1.100
(www.ecardfile.com)
150B
Cisco PIX Firewall
192.168.2.1
192.168.2.2
140A
VIP = 192.168.2.100
140B
Cisco LoadDirector
192.168.2.0/24
130A
130B
Cisco 5505 Switch
192.168.2.11
110A
192.168.2.10
110B
15.14.10.1
15.14.20.1
HP 9000 N class
4CPU, 4GB Mem
15.14.40.1
HP 9000 N class
4CPU, 4GB Mem
15.14.30.1
15.14.20.2
15.14.10.2
15.14.40.2
15.14.30.2
110C
MC-ServiceGuard
110D
HP 9000 N class
4CPU, 4GB Mem
HP 9000 N class
4CPU, 4GB Mem
120
AutoRaid 64GB

FIG. 2



09/676,054 - 09/26/00

FIG. 3A

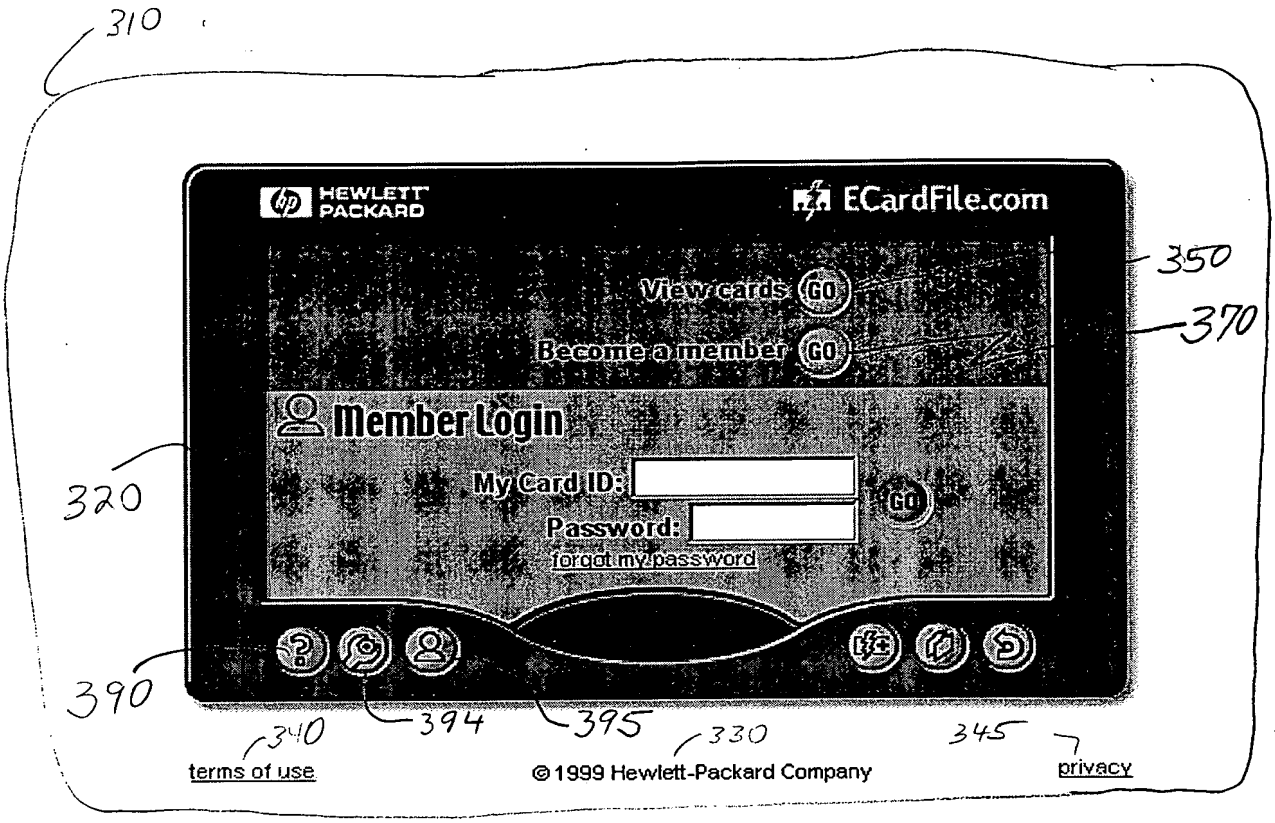

310
HEWLETT PACKARD
ECardFile.com
View cards GO
Become a member GO
Member Login
My Card ID:
Password:
forgot my password
GO
320
390
394
395
340
330
345
350
370
terms of use
©1999 Hewlett-Packard Company
privacy

FIG. 3B

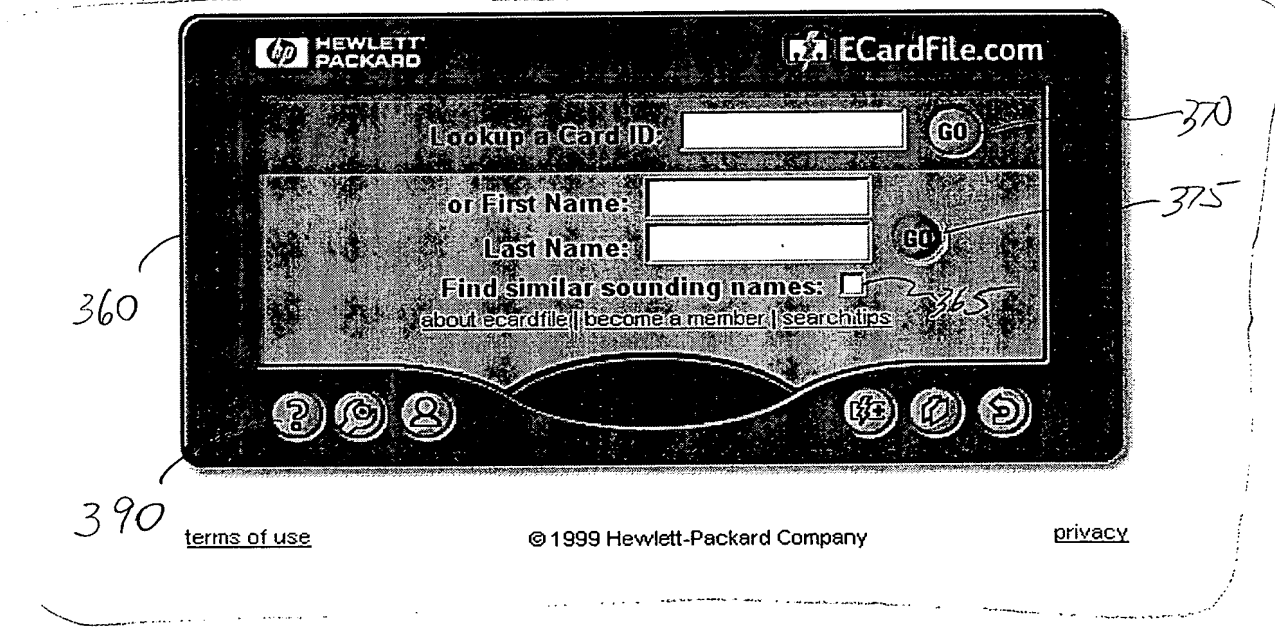
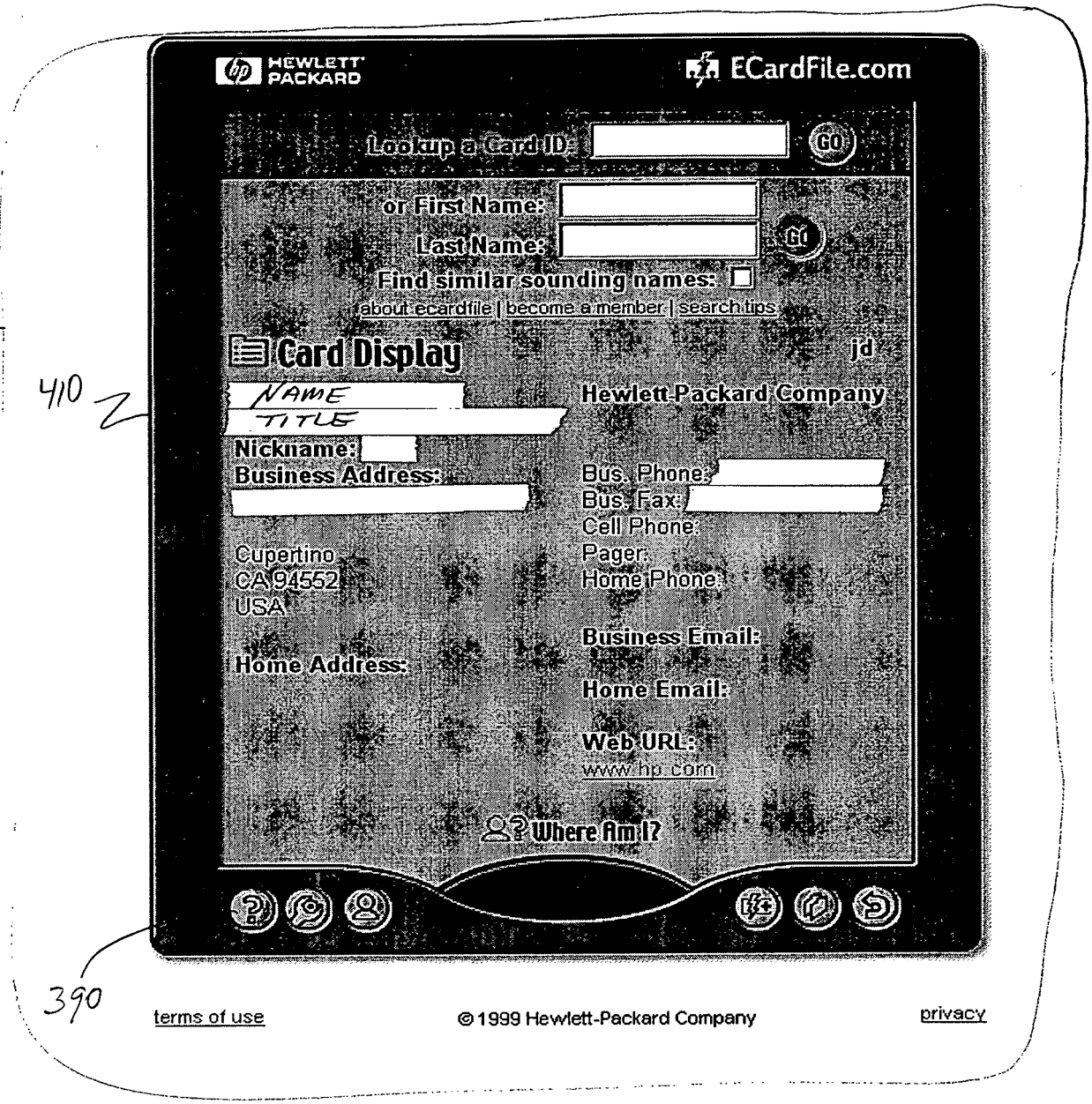

310
HEWLETT PACKARD
ECardFile.com
Lookup a Card ID:
GO
or First Name:
Last Name:
Find similar sounding names:
about ecardfile | become a member | search tips
360
365
370
375
390
terms of use
©1999 Hewlett-Packard Company
privacy

FIG. 4



09/592,852 - 062800

FIG. 5

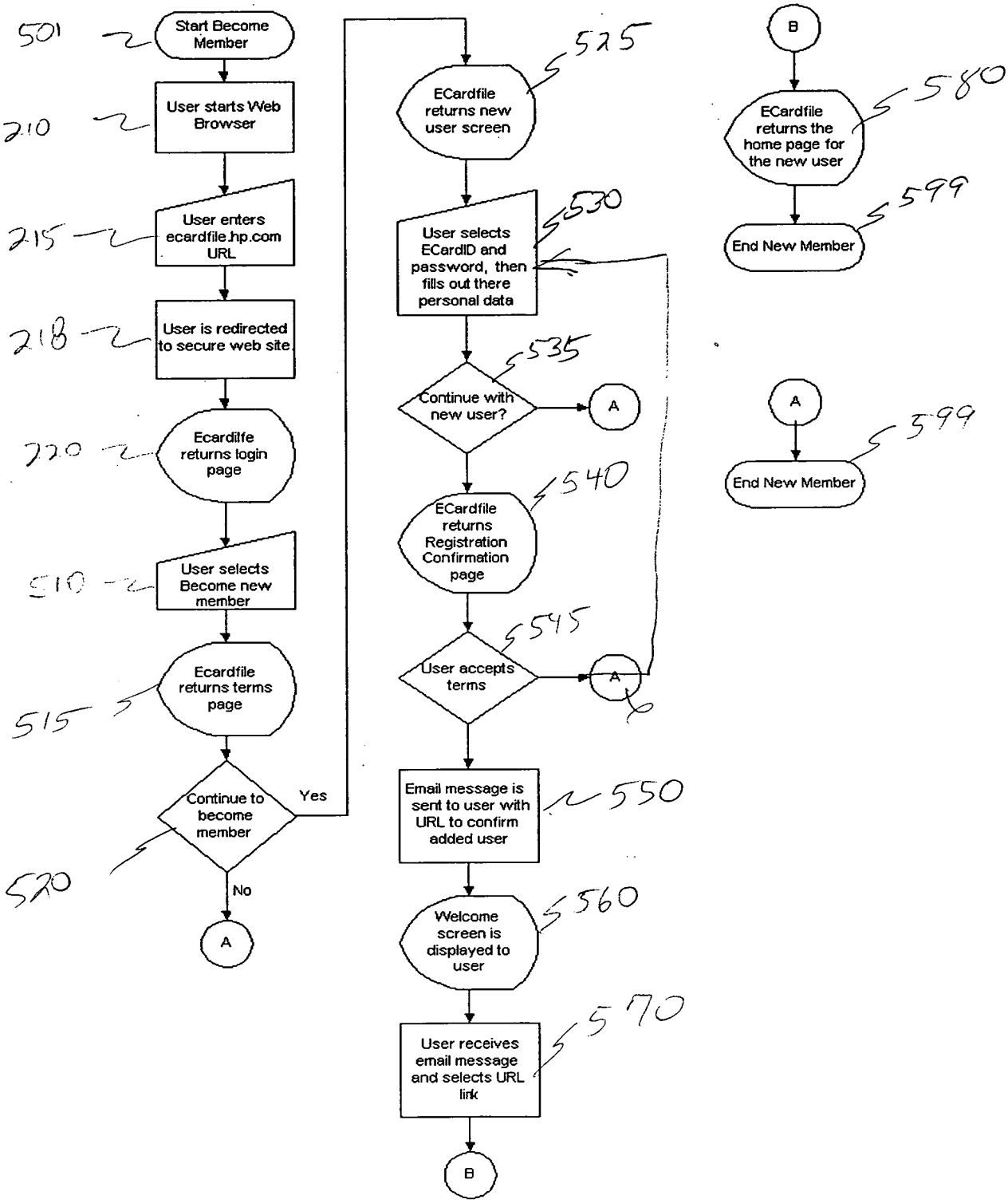

501
Start Become Member
210
User starts Web Browser
215
User enters ecardfile.hp.com URL
218
User is redirected to secure web site
220
Ecardlfe returns login page
510
User selects Become new member
515
Ecardfile returns terms page
520
Continue to become member
Yes
No
A
525
ECardfile returns new user screen
530
User selects ECardID and password, then fills out there personal data
535
Continue with new user?
A
540
ECardfile returns Registration Confirmation page
545
User accepts terms
A
550
Email message is sent to user with URL to confirm added user
560
Welcome screen is displayed to user
570
User receives email message and selects URL link
B
B
580
ECardfile returns the home page for the new user
599
End New Member
A
599
End New Member

FIG. 6

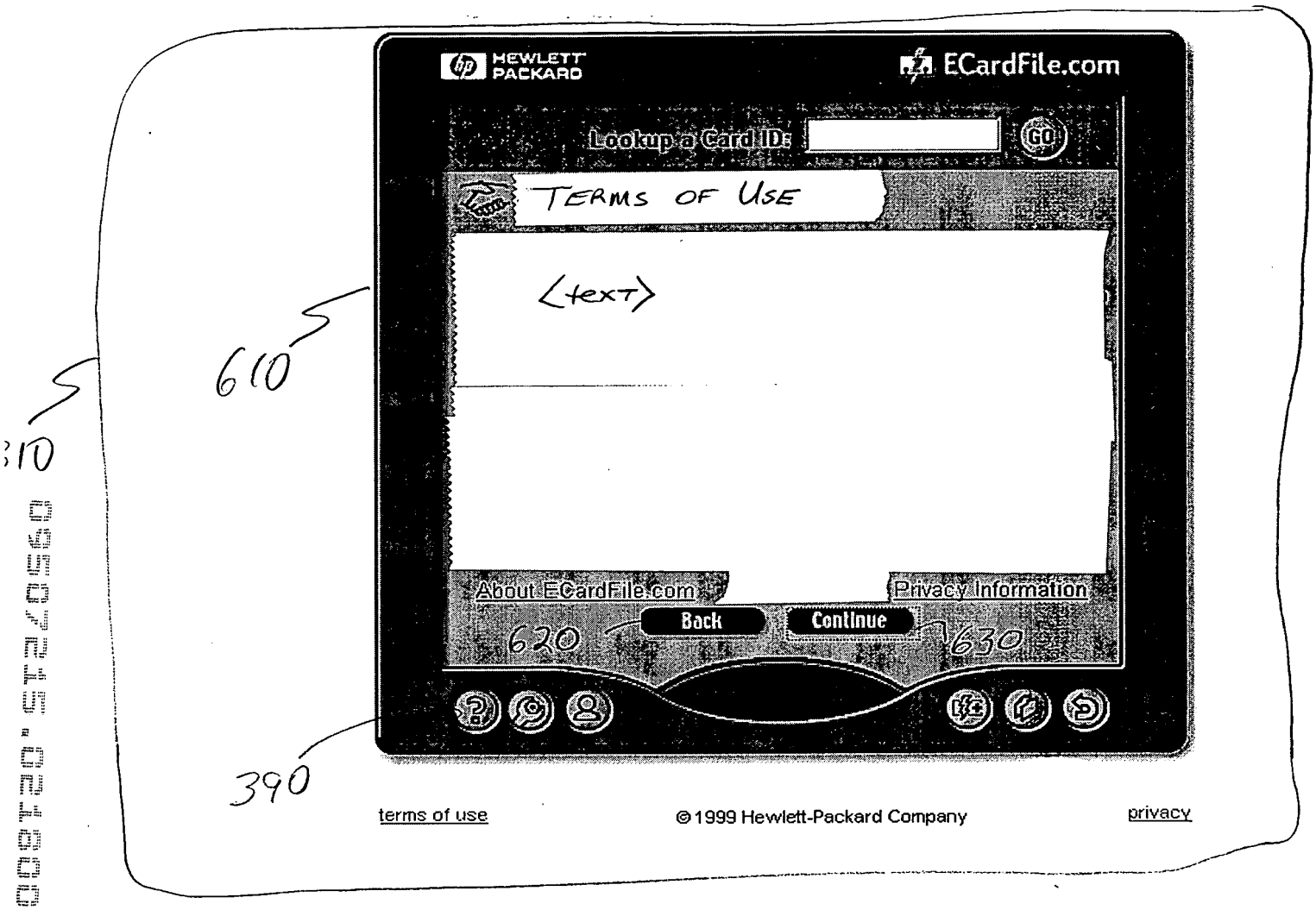
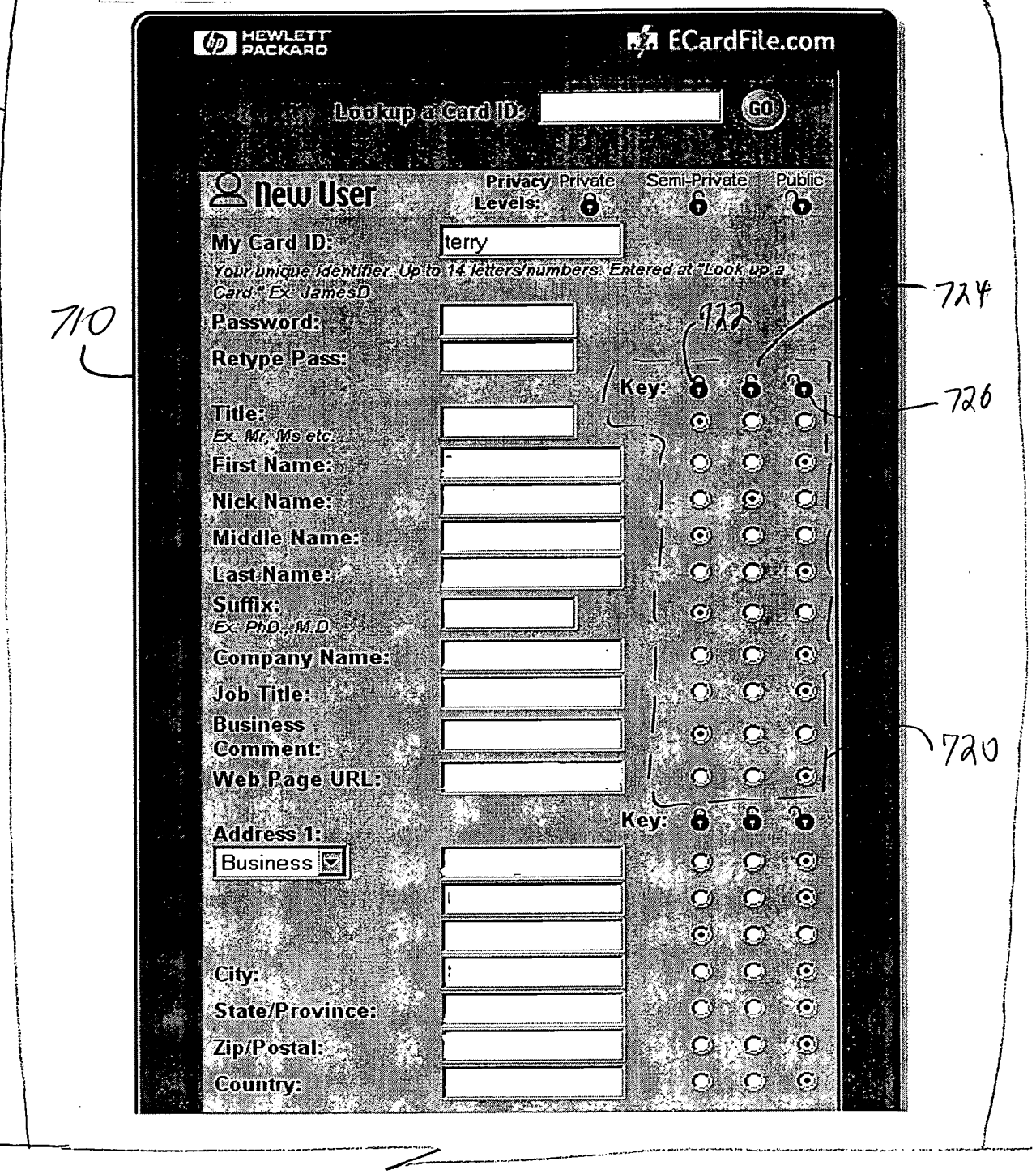

HEWLETT PACKARD
ECardFile.com
Lookup a Card ID:
GO
TERMS OF USE
<text>
About ECardFile.com
Privacy Information
Back
Continue
610
620
630
310
390
terms of use
©1999 Hewlett-Packard Company
privacy

FIG. 7A



LEGEND

Fig. 7A
Fig. 7B

0982-5259

FIG. 7B

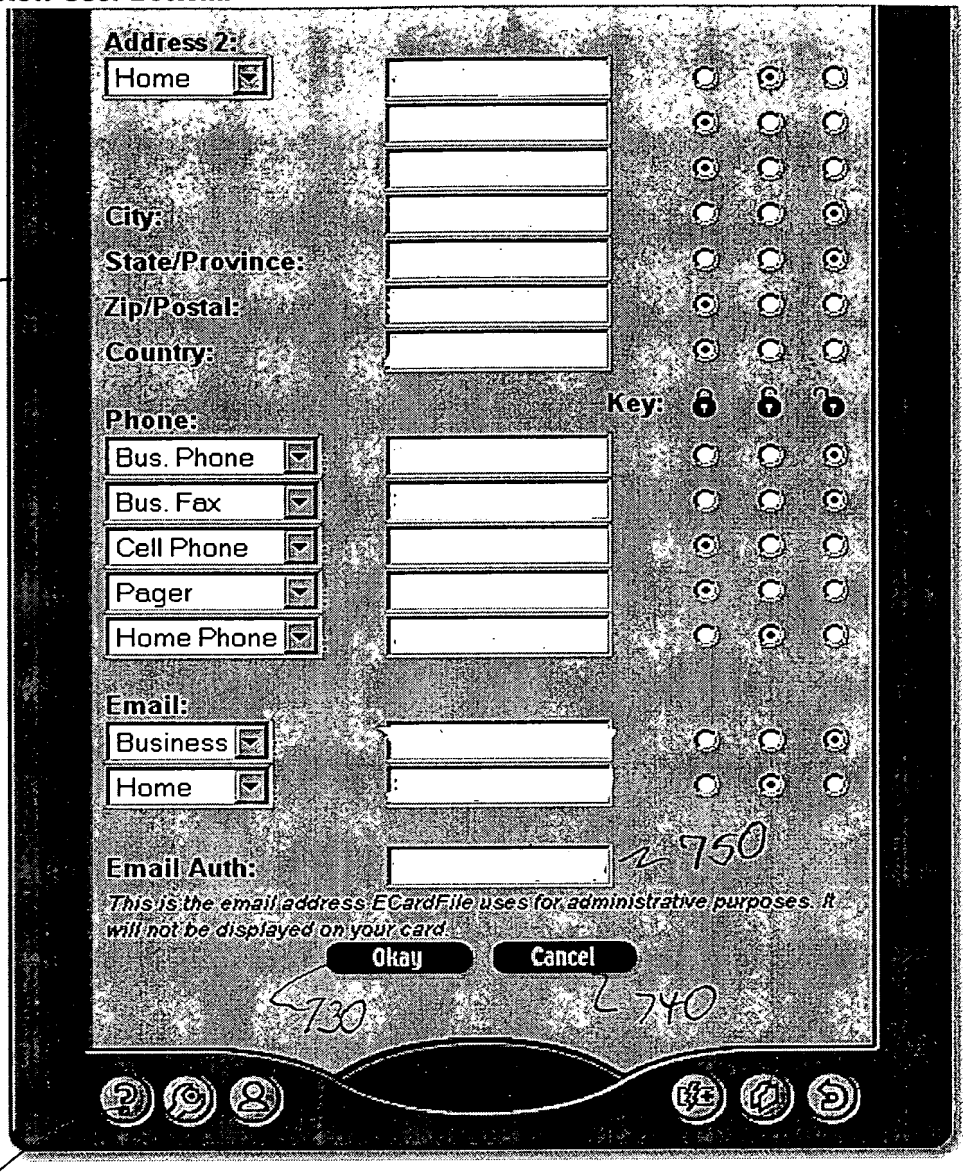
310

LEGEND

Fig. 7A

Fig. 7B

New User Bottom:



710

730

740

750

390

terms of use

© 1999 Hewlett-Packard Company

privacy

FIG. 8

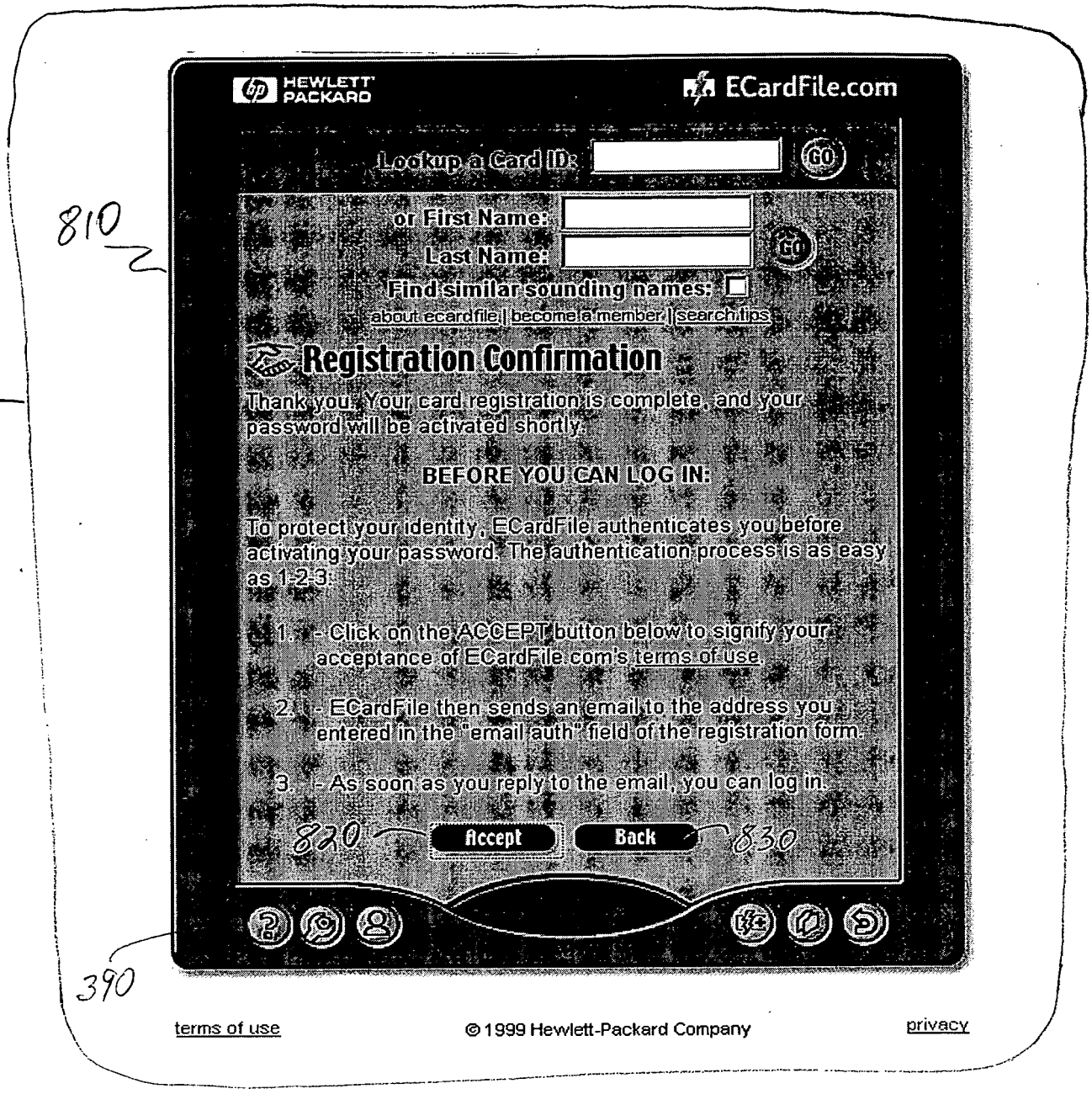
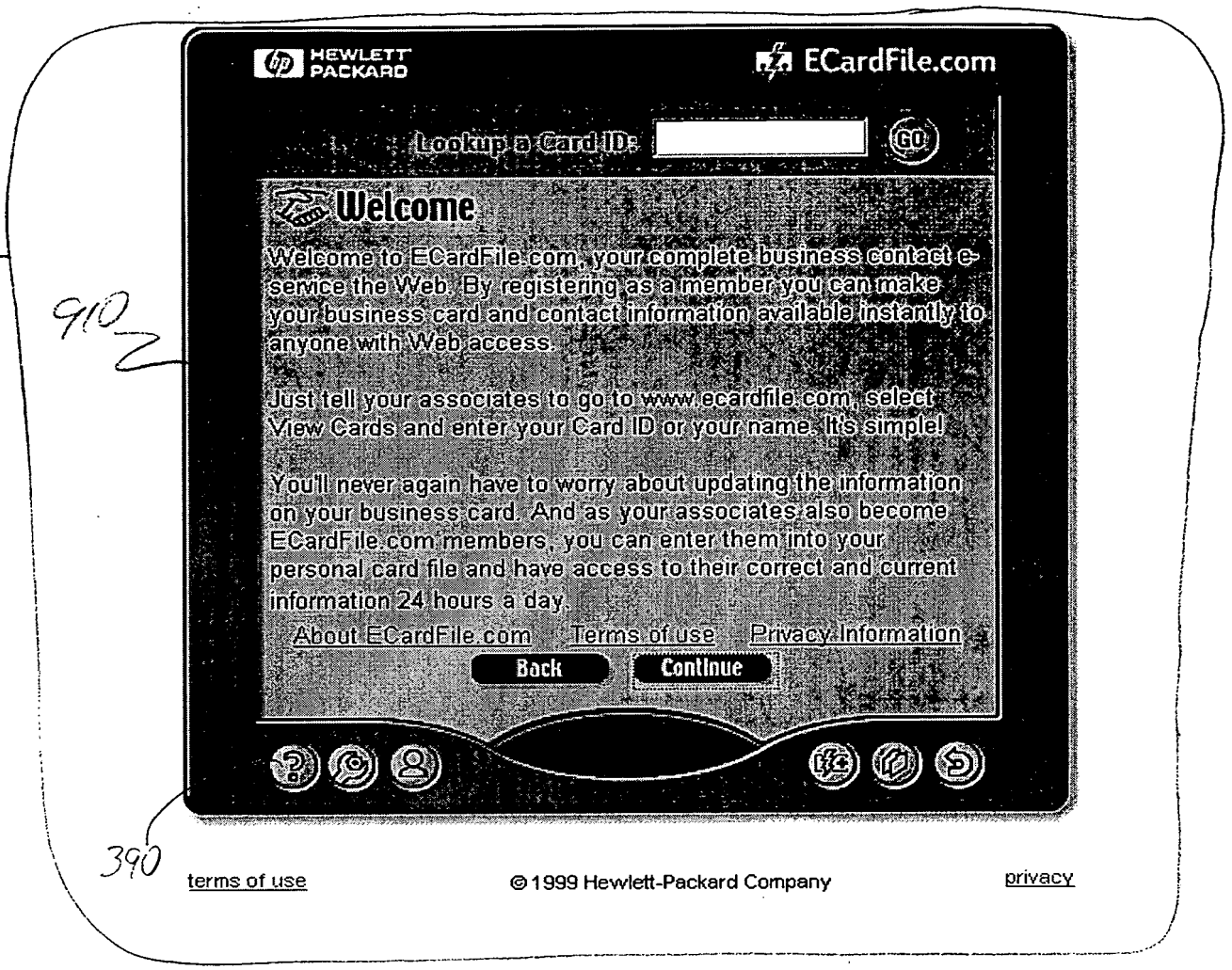
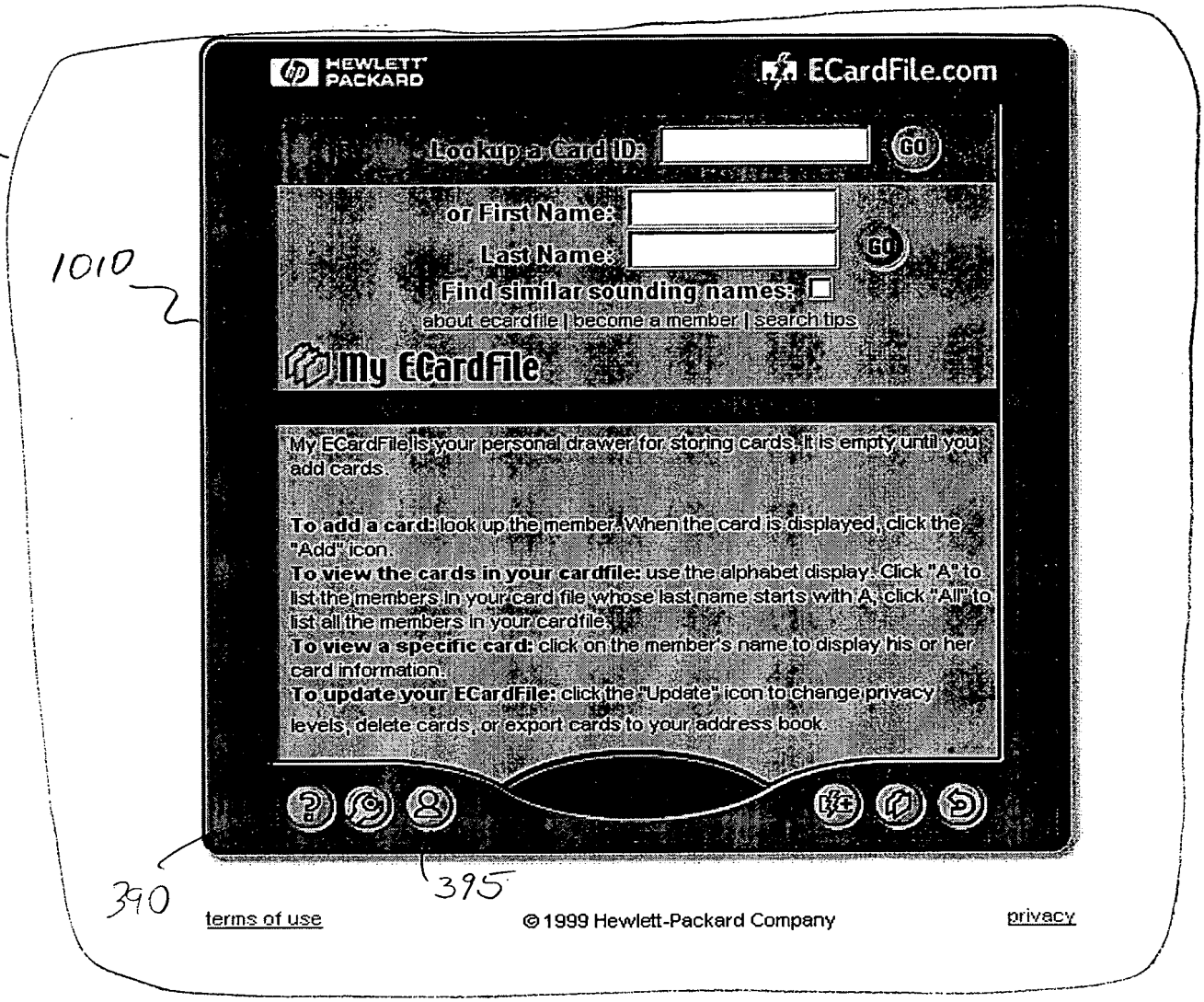

HEWLETT PACKARD
ECardFile.com
Lookup a Card ID:
GO
or First Name:
Last Name:
GO
Find similar sounding names:
about ecardfile | become a member | search tips
Registration Confirmation
Thank you. Your card registration is complete, and your password will be activated shortly.
BEFORE YOU CAN LOG IN:
To protect your identity, ECardFile authenticates you before activating your password. The authentication process is as easy as 1-2-3:
1. - Click on the ACCEPT button below to signify your acceptance of ECardFile.com's terms of use.
2. - ECardFile then sends an email to the address you entered in the "email auth" field of the registration form.
3. - As soon as you reply to the email, you can log in.
Accept
Back
810
310
820
830
390
terms of use
© 1999 Hewlett-Packard Company
privacy

FIG. 9



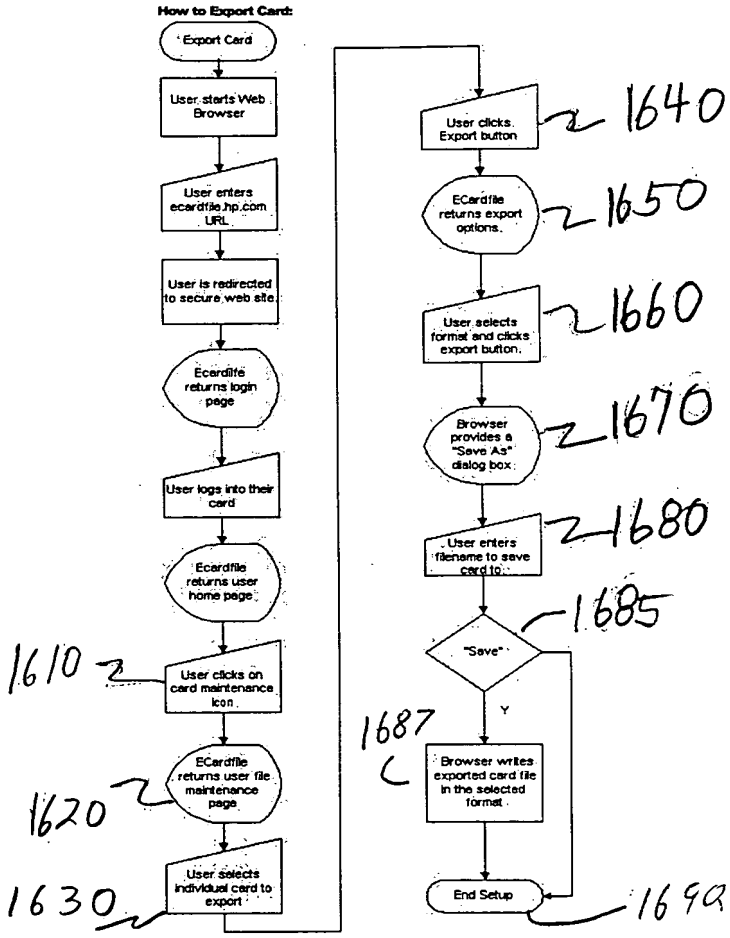
09594580 - 082404

FIG. 10



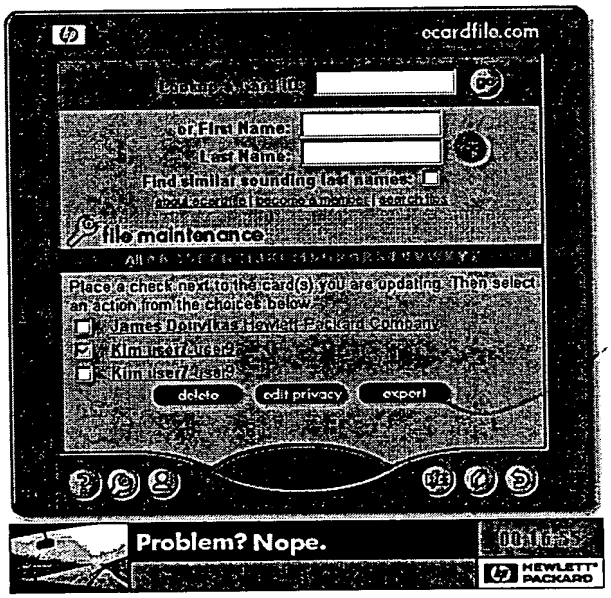
09525425 - 022404

FIG 11



6,850,943

FIG. 12



1710

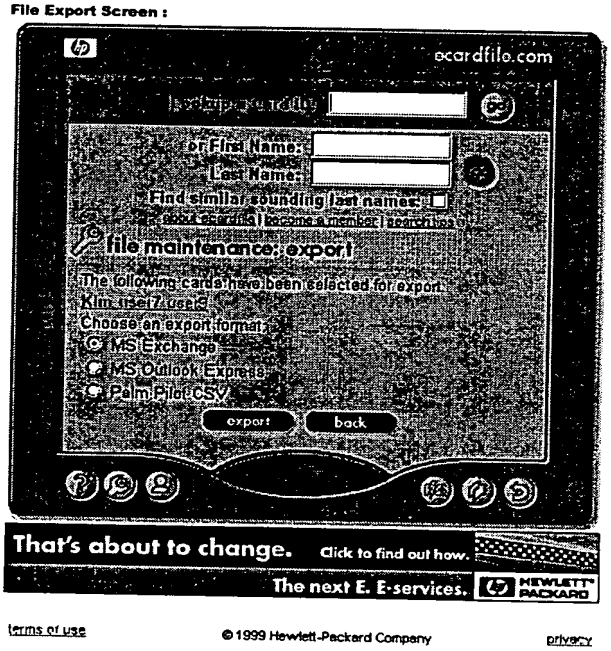
terms of use © 1999-2000 Hewlett-Packard Company privacy

09597250 - 021809

M-815Y US

FIG. 13

File Export Screen :

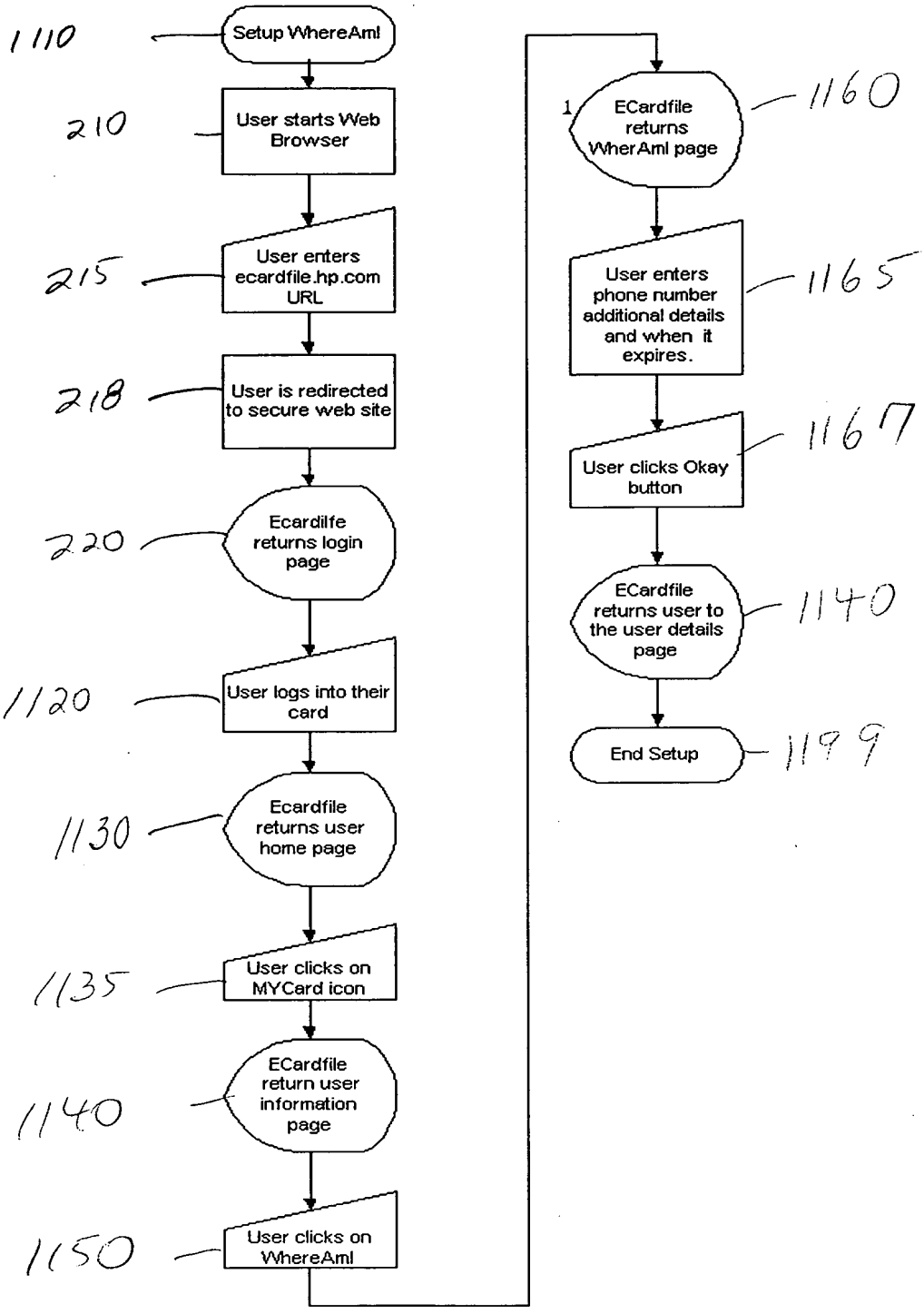


terms of use © 1999 Hewlett-Packard Company privacy

09/575,259 - 05/19/00

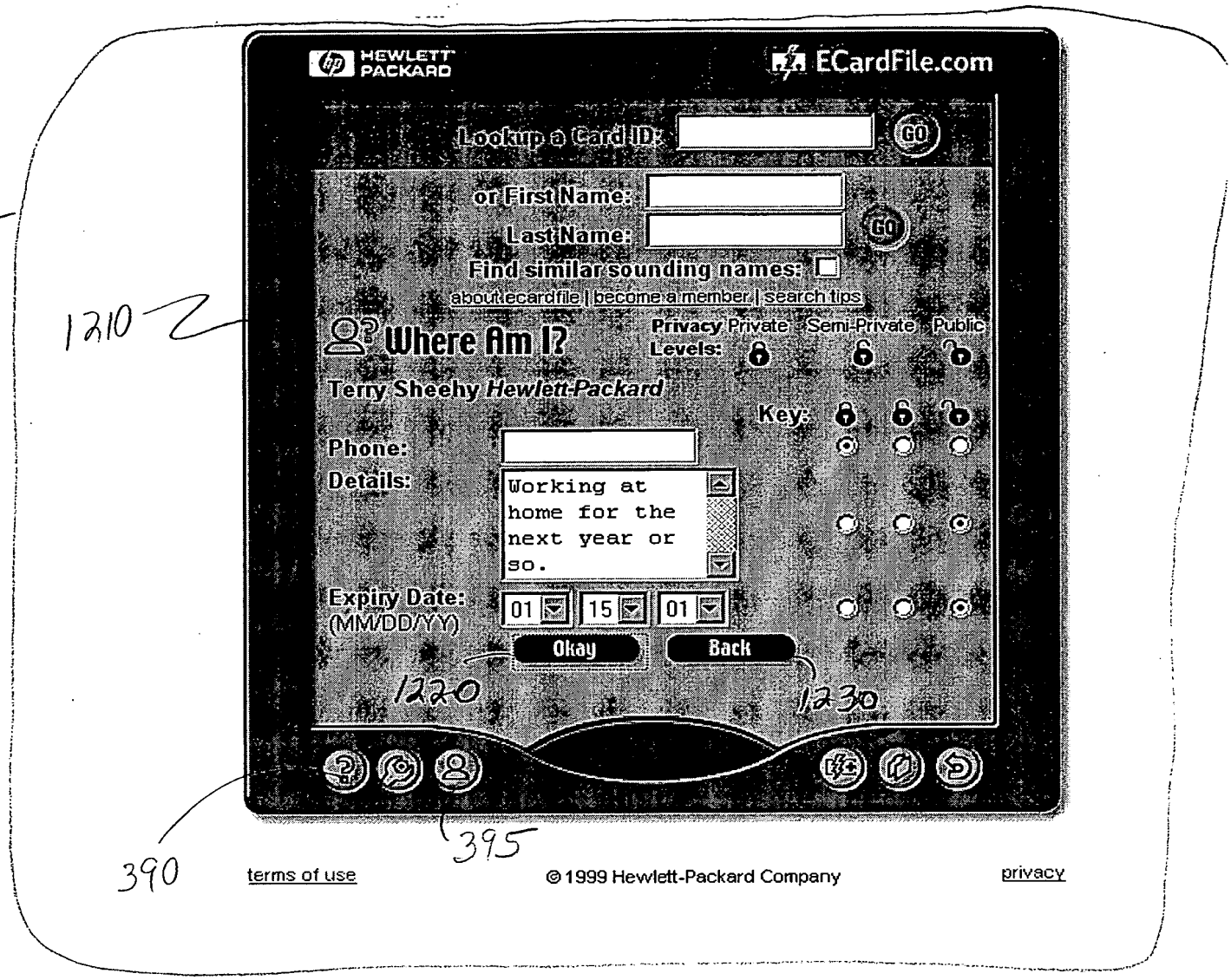
M-815X US

FIG. 14



Docket No. 200401-1

Fig. 15

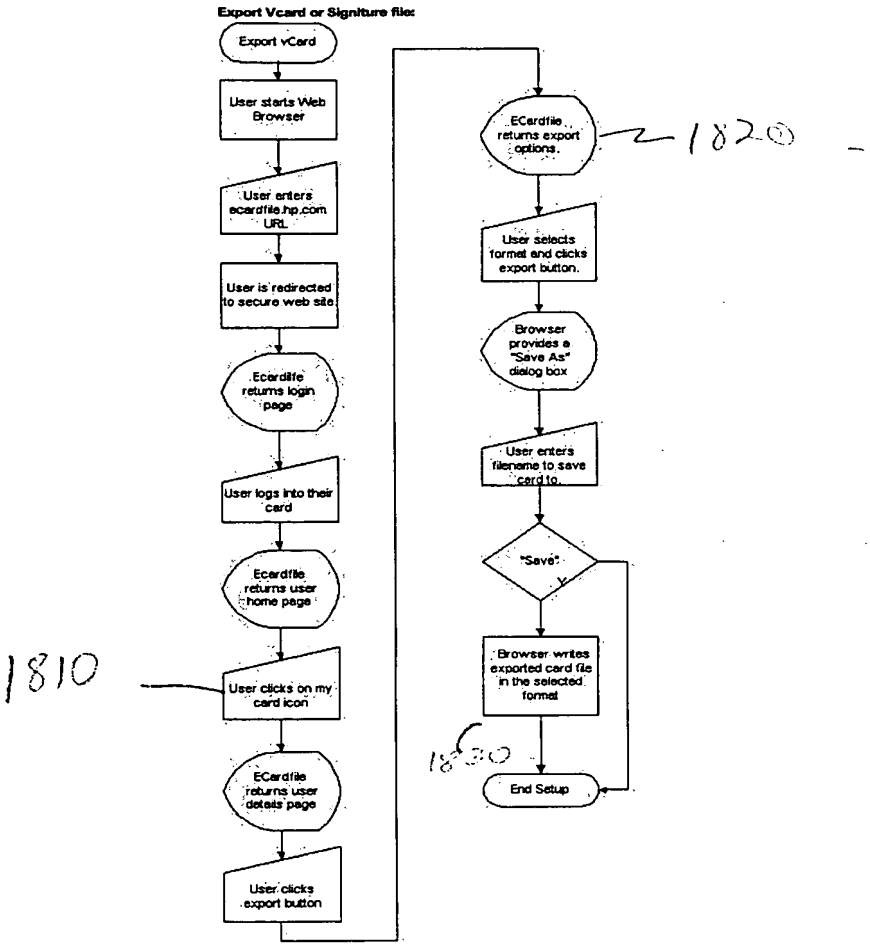


310-2

1210-2

09592459.022599

FIG. 16

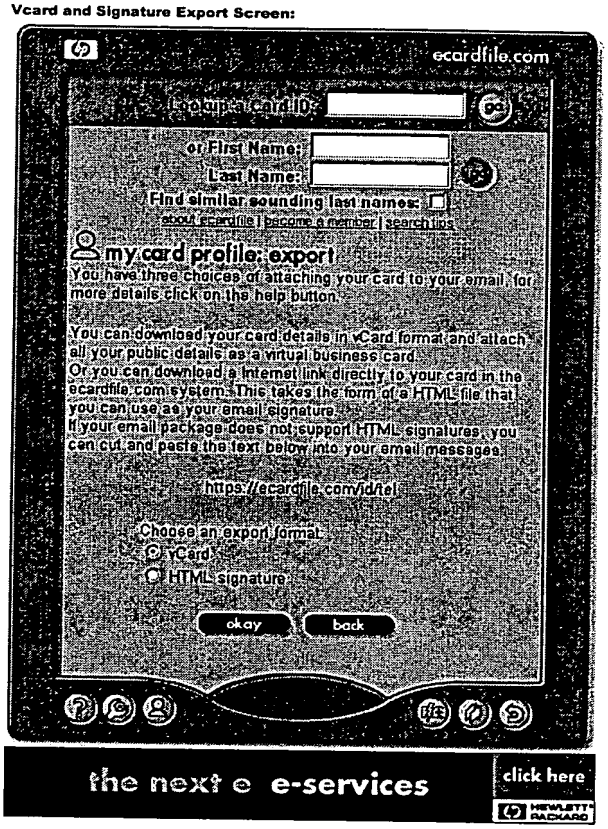


09574259 - 09574259

M-815X US

FIG 17

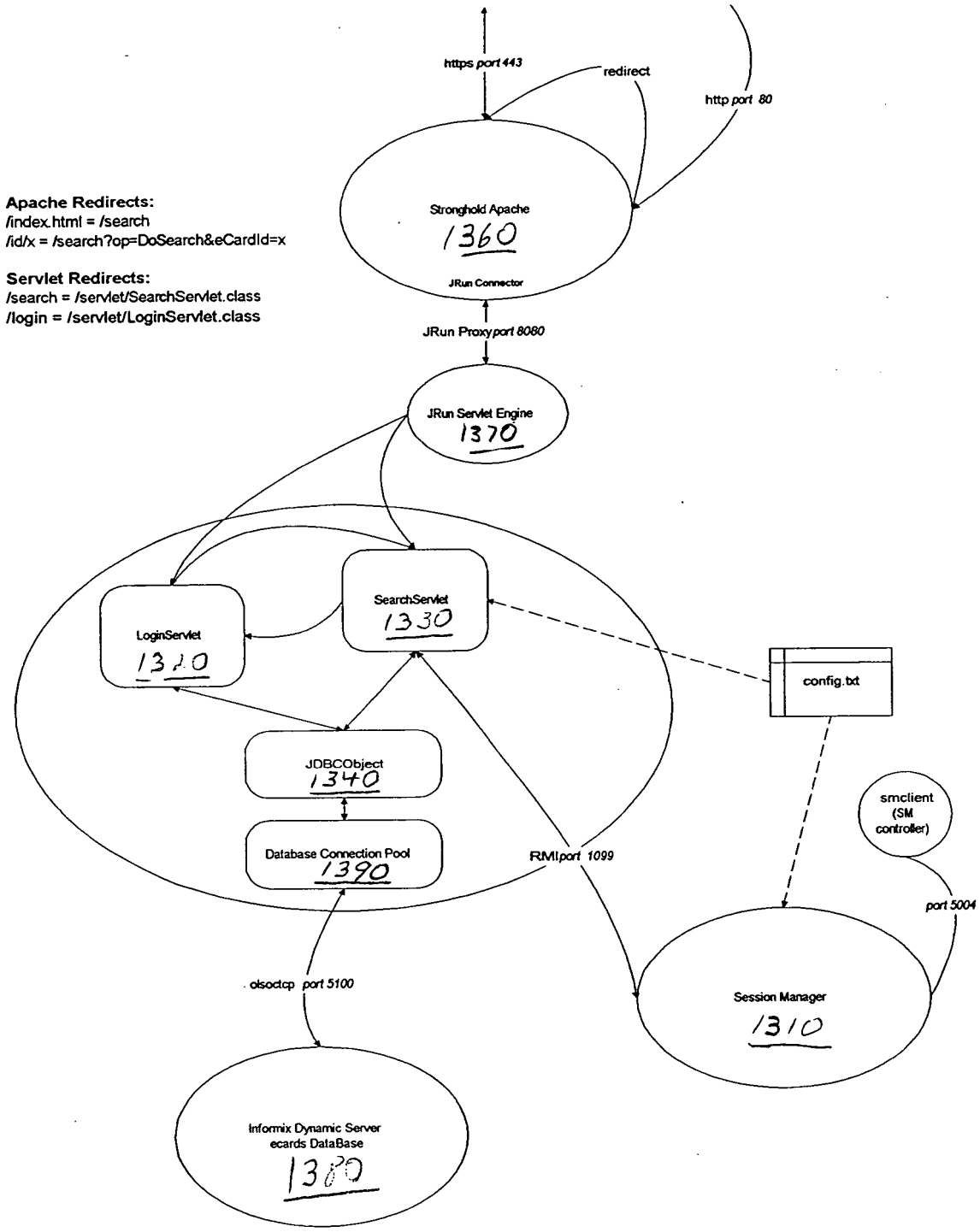
Vcard and Signature Export Screen:



terms of use © 1999-2000 Hewlett-Packard Company privacy

09/842,659 04/27/2001

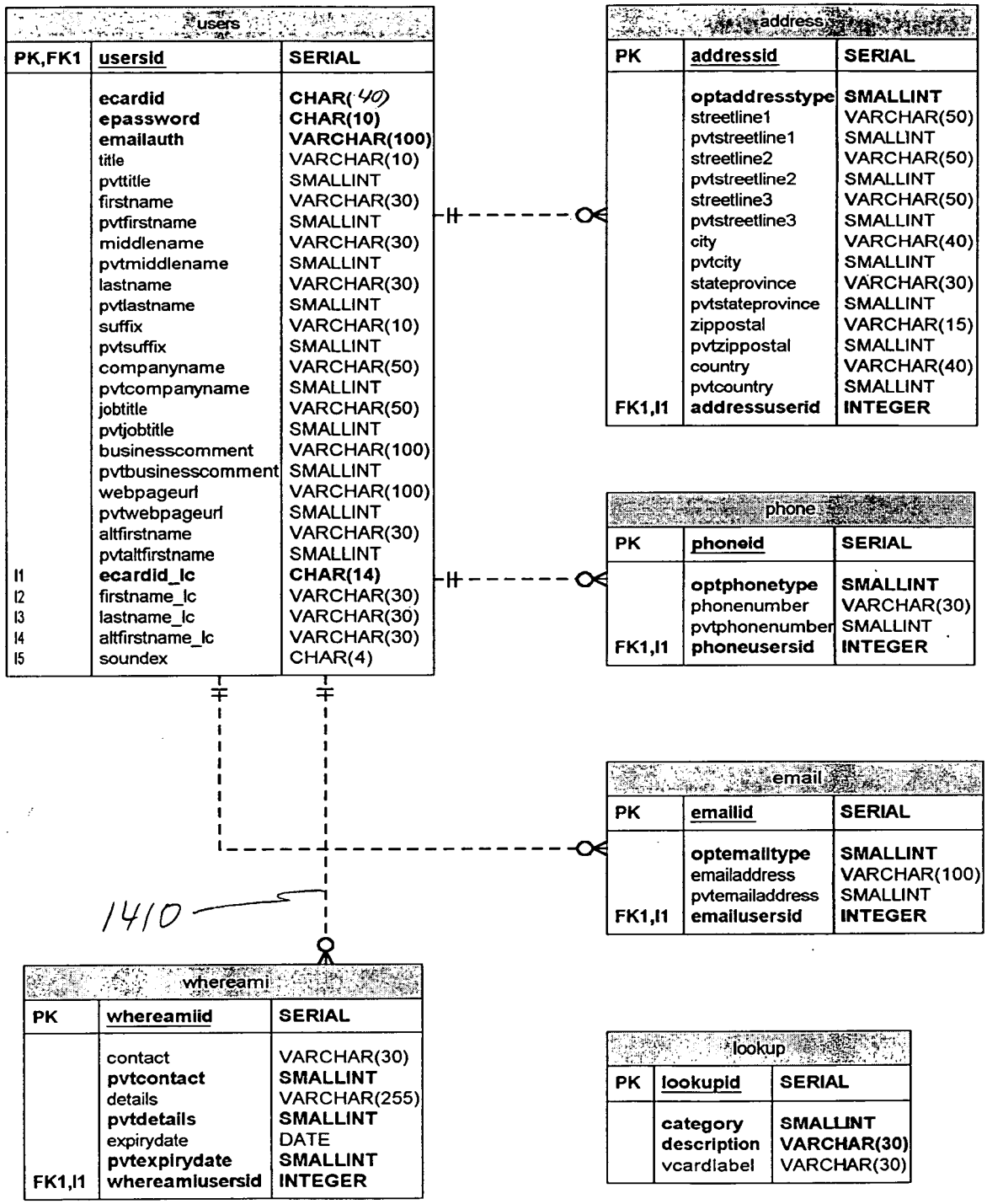
FIG. 18



09/894,208 06/28/2001

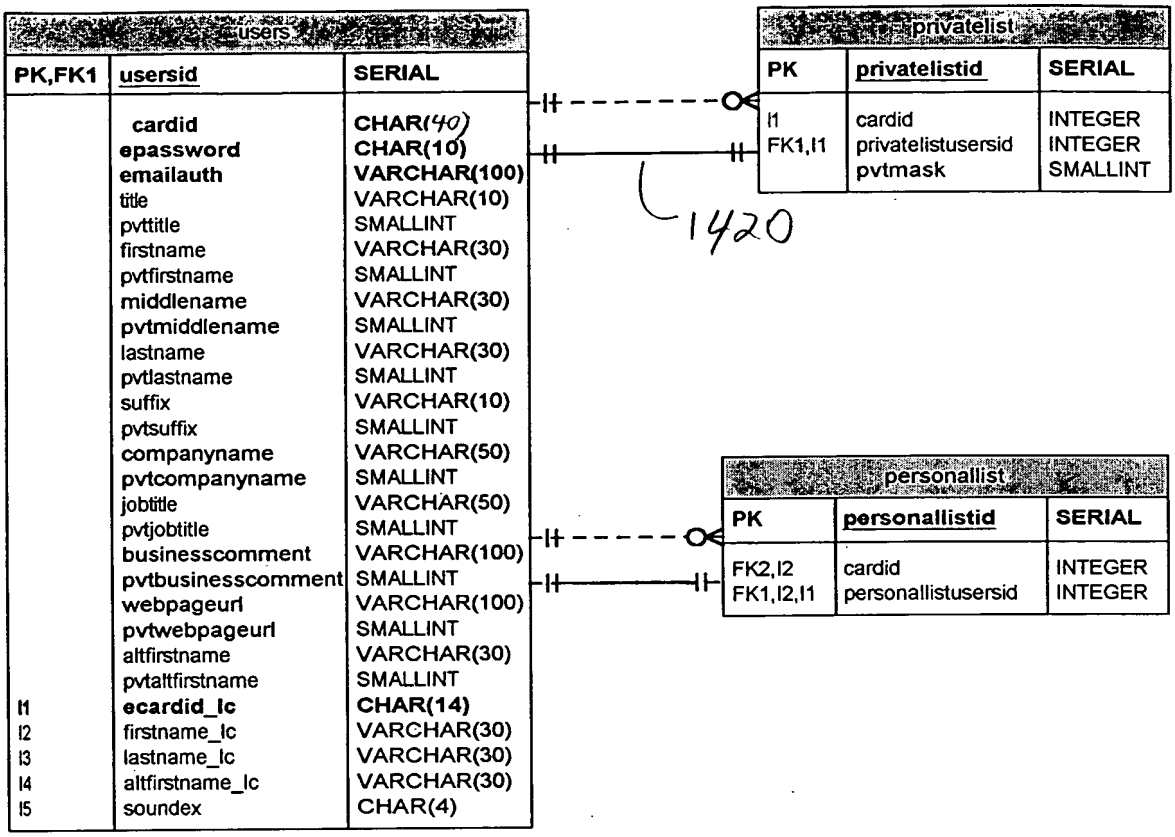
FIG. 19A

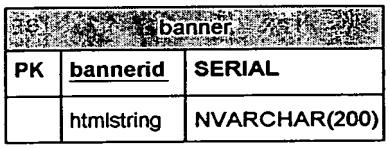
Database Schema



05/24/2006, EAST Version: 2.0.3.0

Fig. 19B


users
PK,FK1 | usersid | SERIAL
cardid | CHAR(40)
epassword | CHAR(10)
emailauth | VARCHAR(100)
title | VARCHAR(10)
pvttitle | SMALLINT
firstname | VARCHAR(30)
pvtfirstname | SMALLINT
middlename | VARCHAR(30)
pvtmiddlename | SMALLINT
lastname | VARCHAR(30)
pvtlastname | SMALLINT
suffix | VARCHAR(10)
pvtsuffix | SMALLINT
companyname | VARCHAR(50)
pvtcompanyname | SMALLINT
jobtitle | VARCHAR(50)
pvtjobtitle | SMALLINT
businesscomment | VARCHAR(100)
pvtbusinesscomment | SMALLINT
webpageurl | VARCHAR(100)
pvtwebpageurl | SMALLINT
altfirstname | VARCHAR(30)
pvtaltfirstname | SMALLINT
I1 | ecardid_lc | CHAR(14)
I2 | firstname_lc | VARCHAR(30)
I3 | lastname_lc | VARCHAR(30)
I4 | altfirstname_lc | VARCHAR(30)
I5 | soundex | CHAR(4)
privatelist
PK | privatelistid | SERIAL
I1 | cardid | INTEGER
FK1,I1 | privatelistusersid | INTEGER
pvtmask | SMALLINT
1420
personallist
PK | personallistid | SERIAL
FK2,I2 | cardid | INTEGER
FK1,I2,I1 | personallistusersid | INTEGER


banner
PK | bannerid | SERIAL
htmlstring | NVARCHAR(200)

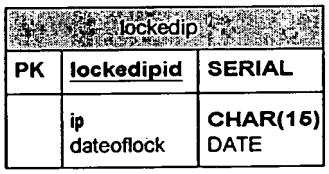
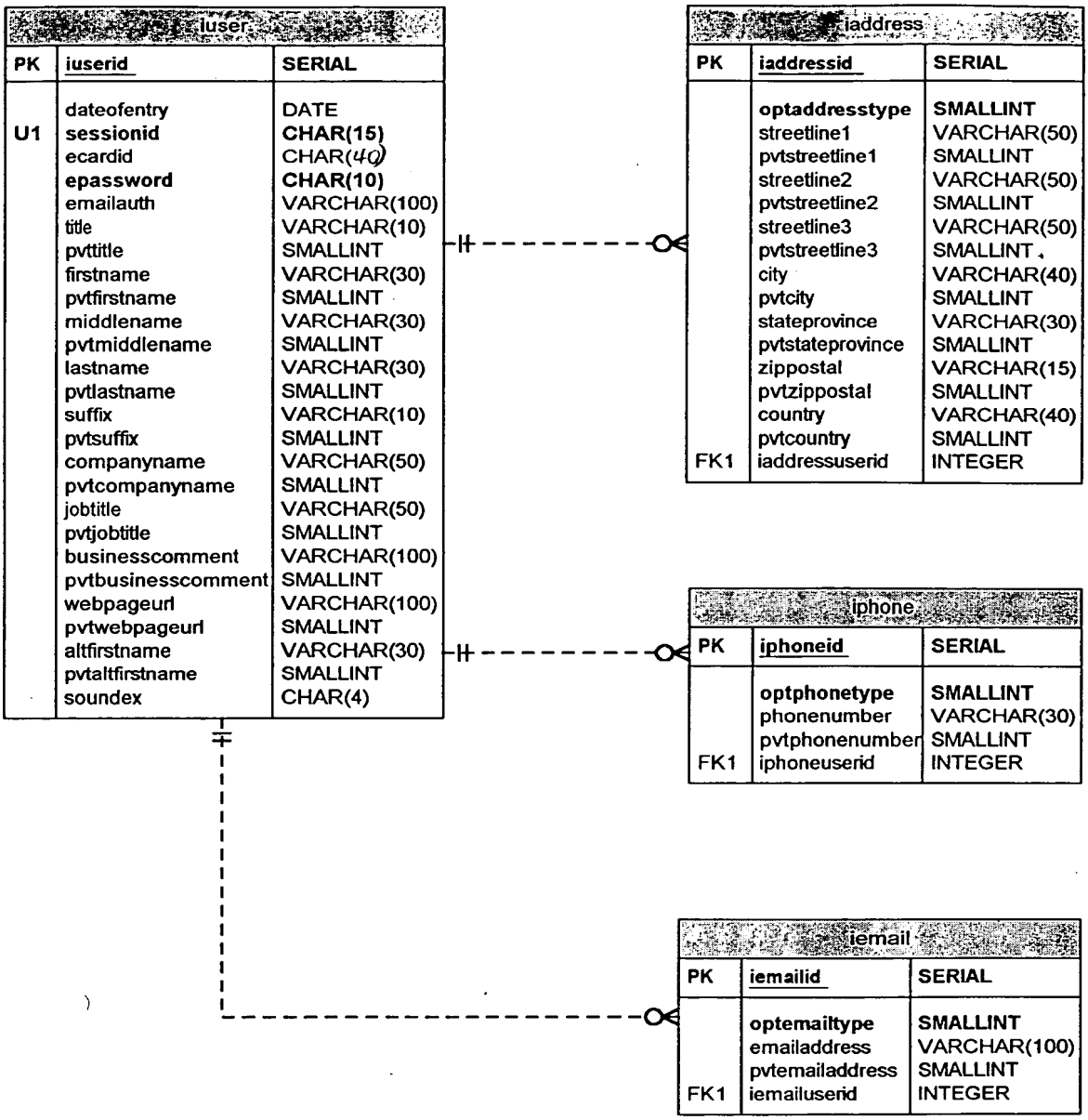

lockedip
PK | lockedipid | SERIAL
ip | CHAR(15)
dateoflock | DATE

Fig. 19C



6,950,987 - Sep. 27, 2005